

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|------|---|-------------------------|---------------------|
| 1 | BRS | L4 | 1 | ((control\$6 near12 grating\$1) same (dispers\$5) same beam\$1 same reflect\$5) and (beam\$1 same (collimat\$5 grin lens) same (fiber\$1 waveguide\$1)) | EPO; JPO; DERWENT | 2004/08/12 11:59 |
| 2 | BRS | L5 | 5 | (control\$6 near12 grating\$1) same (dispers\$5) same beam\$1 same reflect\$5 | EPO; JPO; DERWENT | 2004/08/12 12:00 |
| 3 | BRS | L6 | 36 | ((control\$6 near12 grating\$1) same (dispers\$5) same beam\$1 same reflect\$5) and (beam\$1 same (collimat\$5 grin lens) same (fiber\$1 waveguide\$1)) | USPAT; US-PGPU B | 2004/08/12 13:32 |
| 4 | BRS | L7 | 3 | ("6301048" "6282011" "5995281").pn. | USPAT; US-PGPU B | 2004/08/12 12:21 |
| 5 | BRS | L8 | 3 | 7 and ((control\$6 near12 grating\$1) same (dispers\$5) same beam\$1 same reflect\$5) | USPAT; US-PGPU B | 2004/08/12 12:22 |
| 6 | BRS | L10 | 1 | ((tun\$5 adjust\$5) near7 grating\$1) same (dispers\$5) same beam\$1 same reflect\$5) and (beam\$1 same (collimat\$5 grin lens) same (fiber\$1 waveguide\$1)) | EPO; JPO; DERWENT | 2004/08/12 12:33 |
| 7 | BRS | L9 | 31 | ((tun\$5 adjust\$5) near7 grating\$1) same (dispers\$5) same beam\$1 same reflect\$5) and (beam\$1 same (collimat\$5 grin lens) same (fiber\$1 waveguide\$1)) | USPAT; US-PGPU B | 2004/08/12 12:41 |
| 8 | BRS | L11 | 22 | ("6606340" "6522794" "6507597" "6485149" 'RE37809 E' "6327280" "6201911" "6167169" "6141465" "6118908" "6078704" "6038239" "5978524" "5912997" "5911018" "5835458" "5724463" "5664032" "5647036" "5544268" "5504772" "5348003" "5231642").pn. | USPAT; US-PGPU B | 2004/08/12 12:40 |
| 9 | BRS | L12 | 22 | 11 and (((tun\$5 adjust\$5) near7 grating\$1) same (dispers\$5) same beam\$1 same reflect\$5) | USPAT; US-PGPU B | 2004/08/12 12:41 |
| 10 | BRS | L13 | 74 | (control\$6 near12 grating\$1) same (dispers\$5) same beam\$1 same reflect\$5 | USPAT; US-PGPU B | 2004/08/12 13:19 |

| | Comments | Error Definition | Errors |
|----|----------|------------------|--------|
| 1 | | | 0 |
| 2 | | | 0 |
| 3 | | | 0 |
| 4 | | | 0 |
| 5 | | | 0 |
| 6 | | | 0 |
| 7 | | | 0 |
| 8 | | | 0 |
| 9 | | | 0 |
| 10 | | | 0 |

| | Type | L # | Hits | Search Text | DBs | Time Stamp |
|----|------|-----|-------|--|------------------------|---------------------|
| 11 | BRS | L14 | 36 | ((control\$6 near12 grating\$1) same (dispers\$5) same beam\$1 same reflect\$5) and (beam\$1 same (collimat\$5 grin lens) same (fiber\$1 waveguide\$1)) | USPAT; US-PGPU B | 2004/08/12 13:20 |
| 12 | BRS | L15 | 46 | 13 and (collimat\$5 grin lens\$2) and (fiber\$1 waveguide\$1 (wave adj1 guide\$1)) | USPAT; US-PGPU B | 2004/08/12 13:27 |
| 13 | BRS | L16 | 10 | 15 not 14 | USPAT; US-PGPU B | 2004/08/12 13:21 |
| 14 | BRS | L17 | 1 | 5995281.pn. | USPAT; US-PGPU B | 2004/08/12 13:27 |
| 15 | BRS | L18 | 1 | 17 and (grating\$1 near12 (control\$4 adjust\$5 modif\$6 chang\$4 tun\$4)) | USPAT; US-PGPU B | 2004/08/12 13:32 |
| 16 | BRS | L19 | 1 | 18 and (collimat\$5 grin lens) same (fiber\$1 waveguide\$1) | USPAT; US-PGPU B | 2004/08/12 13:39 |
| 17 | BRS | L20 | 1 | 17 and (collimat\$5 grin lens) and (fiber\$1 waveguide\$1) | USPAT; US-PGPU B | 2004/08/12 13:51 |
| 18 | BRS | L21 | 25 | (dual adj1 fiber adj1 collimat\$4) and grating\$1 and dispers\$4 and beam\$1 | USPAT; US-PGPU B | 2004/08/12 14:07 |
| 19 | BRS | L22 | 116 | (fiber adj1 collimator\$1) and grating\$1 and dispers\$4 and beam\$1 | USPAT; US-PGPU B | 2004/08/12 13:56 |
| 20 | BRS | L23 | 91 | 22 not 21 | USPAT; US-PGPU B | 2004/08/12 13:56 |
| 21 | BRS | L24 | 30938 | 385/\$.ccls. | USPAT; US-PGPU B | 2004/08/12 13:56 |
| 22 | BRS | L25 | 55 | 23 and 24 | USPAT; US-PGPU B | 2004/08/12 14:04 |
| 23 | BRS | L26 | 11 | 22 and (two adj1 fiber\$1 adj1 collimat\$4) | USPAT; US-PGPU B | 2004/08/12 14:07 |
| 24 | BRS | L27 | 43 | (dual adj1 fiber adj1 collimat\$4) and grating\$1 | USPAT; US-PGPU B | 2004/08/12 14:09 |
| 25 | BRS | L28 | 108 | (dual adj1 fiber adj1 collimat\$4) and 385/\$.ccls. | USPAT; US-PGPU B | 2004/08/12 14:24 |
| 26 | BRS | L29 | 1 | 5995281.pn. | USPAT; US-PGPU B | 2004/08/12 14:24 |
| 27 | BRS | L30 | 1 | 29 and (grating\$1 same reflect\$5) | USPAT; US-PGPU B | 2004/08/12 14:25 |

| | Comments | Error Definition | Errors |
|----|----------|------------------|--------|
| 11 | | | 0 |
| 12 | | | 0 |
| 13 | | | 0 |
| 14 | | | 0 |
| 15 | | | 0 |
| 16 | | | 0 |
| 17 | | | 0 |
| 18 | | | 0 |
| 19 | | | 0 |
| 20 | | | 0 |
| 21 | | | 0 |
| 22 | | | 0 |
| 23 | | | 0 |
| 24 | | | 0 |
| 25 | | | 0 |
| 26 | | | 0 |
| 27 | | | 0 |

| | Type | Hits | Search Text |
|----|------|-------|--|
| 1 | BRS | 1 | 09/900753 |
| 2 | BRS | 1 | 6,453,095.pn. |
| 3 | BRS | 1 | 6,453,095.pn. and (control\$4 near12 grating\$1) |
| 4 | BRS | 1 | 09/900753 |
| 5 | BRS | 1 | 09/900753 and (control\$4 near12 grating\$1) |
| 6 | BRS | 1 | 09/900753 and (control\$4 same grating\$1) |
| 7 | BRS | 1 | 09/900753 and (dispers\$5 same wavelength\$1) |
| 8 | BRS | 74 | (control\$6 near12 grating\$1) same (dispers\$5) same beam\$1 same reflect\$5 |
| 9 | BRS | 14822 | beam\$1 same (collimat\$5 grin lens) same (fiber\$1 waveguide\$1) |
| 10 | BRS | 36 | ((control\$6 near12 grating\$1) same (dispers\$5) same beam\$1 same reflect\$5) and (beam\$1 same (collimat\$5 grin lens) same (fiber\$1 waveguide\$1)) |

| | DBs | Time Stamp | Comments | Error Definition |
|----|-----------------|------------------|----------|------------------|
| 1 | USPAT; US-PGPUB | 2004/08/12 10:50 | | |
| 2 | USPAT; US-PGPUB | 2004/08/12 10:48 | | |
| 3 | USPAT; US-PGPUB | 2004/08/12 10:50 | | |
| 4 | USPAT; US-PGPUB | 2004/08/12 10:50 | | |
| 5 | USPAT; US-PGPUB | 2004/08/12 10:52 | | |
| 6 | USPAT; US-PGPUB | 2004/08/12 10:55 | | |
| 7 | USPAT; US-PGPUB | 2004/08/12 10:56 | | |
| 8 | USPAT; US-PGPUB | 2004/08/12 13:19 | | |
| 9 | USPAT; US-PGPUB | 2004/08/12 11:13 | | |
| 10 | USPAT; US-PGPUB | 2004/08/12 12:02 | | |

| | Errors |
|----|--------|
| 1 | 0 |
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 0 |
| 6 | 0 |
| 7 | 0 |
| 8 | 0 |
| 9 | 0 |
| 10 | 0 |